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MONTANA OIL AND GAS STATISTICAL BULLETIN

Mawhinney
Westwood

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THE OIL AND GAS CONSERVATION COMMISSION

VOLUME II, NO. 11 — 2 — NOVEMBER, 1954

Production of crude oil and condensate from the oil and gas areas of Montana for the month of November, 1954, averaged 40,093 barrels daily, an increase of 2,215 barrels from the average October production of 37,878.

The ten refineries in the State processed 56,173 barrels of crude oil daily for the month of November, an increase of 16,949 barrels daily from the 39,224 barrels processed daily during the month of October, 1954.

During November, 28 wells were completed, 13 oil, 3 gas wells and 12 dry holes.

During November, the Commission issued 45 permits to drill new wells, an increase of 10 from the 35 permits issued during October.

STATEMENT OF CRUDE OIL PRODUCTION, REFINING, STORAGE, ETC., IN MONTANA
MONTH OF NOVEMBER, 1954

IN STORAGE NOVEMBER 1ST:	TOTAL
By Producers	288,990
By Transporters	429,175
By Refiners	486,088
TOTAL STORAGE	1,204,253
PRODUCED DURING MONTH	1,202,814
TOTAL	2,407,067
DISPOSITION:	
Refined in Montana	781,100
Shipped to Other States	499,225
Used for Fuel or Lost	15,644
TOTAL	1,295,969
IN STORAGE NOVEMBER 30TH:	
By Producers	289,828
By Transporters	447,103
By Refiners	374,167
TOTAL STORAGE	1,111,098

NATURAL GAS WITHDRAWALS IN MONTANA

Month of November, 1954

Field	M. C. F.
Bears Den	5,470
Big Wall	144
Bowdoin	498,446
Bowes	80,463
Box Elder	11,236
Cedar Creek	289,854
Cut Bank (includes Reagan)	1,364,891
Devon	.....
Dry Creek	285,654
East Poplar	2,436
Hardin	10,599
Keith Block	37,993
Kevin-Sunburst	83,359
Ragged Point	.....
Utopia	53,589
West Sumatra	1,175
Whitlash Area	88,263
TOTAL	2,813,572

Total withdrawals for November, 1953, were 2,803,114 M.C.F.

PRODUCERS REPORT

Month of November, 1954

Leases Operated	Field	No. of Wells	Storage First of Month	Oil Produced	Oil Shipped by Pipeline	Oil Shipped by Truck	Used or Lost	Storage End of Month
1	Ash Creek	4	710	5,059	———	4,834	45	890
8	Big Wall	22	5,272	35,893	———	35,103	———	6,062
4	Border	8	———	1,098	———	1,098	———	———
10	Bowes	73	5,494	59,549	57,709	———	———	7,334
6	Brady-Midway	7	323	379	———	382	———	320
1	Brorson (Sidney Area)	2	2,274	6,588	6,424	———	———	2,438
1	Cabin Creek	8	2,722	32,287	———	30,727	1,322	2,960
—	Cadmus	—	———	———	———	———	———	———
27	Cat Creek	89	6,892	14,973	14,827	———	———	7,038
1	Clark's Fork	1	461	3,197	———	3,005	———	653
324	Cut Bank	1,107	134,171	165,836	166,181	———	———	133,826
3	Deer Creek	7	2,457	18,207	18,766	———	———	1,898
—	Devils Basin	—	875	———	———	———	———	875
5	Dry Creek	12	4,124	12,950	15,760	———	———	1,314
20	Elk Basin	59	6,360	100,428	100,948	———	———	5,840
2	Frannie	2	296	1,195	1,214	———	———	277
1	Gage	1	510	82	———	376	———	216
5	Glendive	13	4,920	54,172	54,556	———	135	4,401
2	Golden Dome	2	378	926	———	814	———	490
1	Hardin Area	3	1,521	3,601	———	4,580	———	542
1	Ivanhoe Dome	2	956	3,053	———	3,321	———	688
226	Kevin-Sunburst	1,516	17,389	98,876	98,658	———	412	17,195
—	Lake Basin	—	1,335	———	———	———	10	1,325
—	Landslide Butte	—	———	———	———	———	———	———
1	Little Beaver	2	447	4,660	———	3,132	370	1,605
1	East Little Beaver	1	1,759	2,023	———	2,506	377	899
3	Melstone	5	2,554	8,267	———	8,438	———	2,383
3	Mosser	6	———	1,372	———	1,372	———	———
1	Pine Unit Area	13	8,325	45,320	———	47,070	789	5,786
82	Pondera	317	16,366	33,485	33,769	———	———	16,082
45	Poplar Area	52	24,451	320,922	271,542	41,053	1,355	31,423
2	Ragged Point	3	652	1,491	———	1,136	———	1,007
—	Rattlesnake Butte	—	739	———	———	———	———	739
2	Reagan	38	4,111	20,701	21,598	———	———	3,214
6	Richey	10	5,611	14,943	———	14,231	956	5,367
—	Sand Creek	—	65	———	———	———	———	65
2	Southwest Richey	3	1,495	9,873	———	10,179	———	1,189
4	Soap Creek	8	3,565	8,196	———	9,501	75	2,185
12	Sumatra	40	9,809	103,047	———	99,697	1	13,158
3	Sweet Grass Hills	3	775	523	———	543	———	755
1	Wibaux Area	1	344	1,187	———	554	8	969
6	Whitlash	18	7,812	7,324	9,748	———	———	5,388
—	Wolf Creek	—	51	———	———	———	———	51
2	Woodrow	2	265	492	165	———	———	592
1	Yellowstone	1	354	639	———	604	———	389
826		3,461	288,990	1,202,814	871,865	324,256	5,855	289,828

Total Oil Produced and Shipped from Leases	Bbls. Produced	Daily Average	Bbls. Shipped	Daily Average
Year, 1953	11,895,152	32,589	11,806,873	32,348
First Quarter, 1954	3,165,882	35,176	3,139,622	34,885
Second Quarter, 1954	3,536,508	38,862	3,512,743	38,602
Third Quarter, 1954	3,715,539	40,386	3,683,370	40,037
October, 1954	1,174,215	37,878	1,150,062	37,099
November, 1954	1,202,814	40,093	1,196,121	39,870

Oil in Storage	In Producers Field Tanks	In Transporters Storage	In Refiners Storage*	Total Oil In Storage*
December 31, 1953	231,394	501,709	695,206	1,428,309
March 31, 1954	235,678	469,637	620,698	1,326,013
June 30, 1954	245,735	509,681	610,724	1,366,140
September 30, 1954	269,203	422,211	551,952	1,243,366
October 31, 1954	288,990	429,175	818,450	1,536,615
November 30, 1954	289,828	447,103	668,350	1,405,281

*Includes Wyoming Oil.

TRANSPORTERS REPORT—Month of November 1954

	Storage First of Month	OIL RECEIVED			Loss or Gain	OIL SHIPPED TO			Storage End of Month
		Pipeline	Truck	Connecting Carrier		Montana	Other States	Connecting Carriers	
ASH CREEK									
Trucks			4,834				4,834		
BIG WALL									
Trucks	2,881		35,103			15,201	19,902		2,881
BORDER									
Trucks			1,098			1,098			
BOWES									
Northern Pump Co.	1,826	12,584			(107)		13,526		991
The Texas Company	2,831	45,125				20,925	24,200		2,831
	4,657	57,709			(107)	20,925	37,726		3,822
BRADY-MIDWAY									
Trucks			72			72			
BRORSON									
Trucks	6,411	6,424					6,424		6,411
CABIN CREEK									
Shell Oil Co.			30,727			9,126	21,601		
CAT CREEK									
Continental Oil Co.	9,555	9,260			32	10,985			7,798
Wm. Hanlon		5,506				5,506			
	9,555	14,766			32	16,491			7,798
CLARK'S FORK									
Trucks			3,005				3,005		
CUT BANK									
Darling Gather. Sys.	1,886	22,663				21,845			2,704
Phil. Pet. Co.	105,031	35,963			438	21,198		24,129	95,229
Texas Pipe Line Co.	95,003	30,947		34,512	948	34,013		17,765	107,736
Toronto Pipe Line Co.	29,832	37,391			(10)			45,732	21,501
Union Oil Co.	60,276	39,756		53,114	631	35,622			116,893
	292,028	166,720		87,626	2,007	112,678		87,626	344,063
DRY CREEK									
Ohio Oil Co.	7,288	15,942			61	12,571			10,598
ELK BASIN									
Ohio Oil Co.		100,948				64,352	36,596		
FRANNIE									
Ohio Oil Co.		1,214					1,214		
GAGE									
Trucks			376			376			
GOLDEN DOME									
Trucks			814				814		
GLENDIVE AREA									
The Texas Co.	7,504	73,059			30	71,659	2,423		6,451
EAST LITTLE BEAVER									
Trucks			2,506			1,242	1,264		
HARDIN AREA									
Trucks			4,580				4,580		
IVANHOE DOME									
Trucks			3,321			3,321			
KEVIN-SUNBURST									
Big West Oil Co.	1,953	40,734			(304)	41,015			1,976
Homestake Oil & Gas	1,934	4,279				4,528			1,685
Texas Pipe Line Co.	29,548	51,599		2,218	800	70,309			12,256
Anna Aronow	112	2,341						2,218	235
	33,547	98,953		2,218	496	115,852		2,218	16,152
LITTLE BEAVER									
Shell Oil Co.			3,132			1,548	1,584		
MELSTONE									
Trucks	1,318		8,438			8,903			853
MOSSER									
Trucks			1,372			1,372			
PINE UNIT AREA									
Shell Oil Co.			47,070			14,278	32,792		
PONDERA									
Phillips Pet. Co.	55,589	34,091			1,713	49,425			38,542
POPLAR AREA									
East Poplar G. Sys.	5,824	271,143			1,259	478	270,867		4,363
Plastic Service Lines, Inc.			41,053			9,649	31,404		
	5,824	271,143	41,053		1,259	10,127	302,271		4,363
RAGGED POINT									
The Texas Co.	848		1,136			1,142			842
REAGAN									
Union Oil Co.		21,599				21,599			
RICHEY AREA									
Shell Oil Co. & Trucks			14,231			7,229	7,002		
SOAP CREEK									
Trucks			9,501				9,501		
SOUTHWEST RICHEY									
Shell Oil Co.			10,179			5,041	5,138		
SUMATRA AREA									
Trucks	65		99,697			96,984			2,778
SWEET GRASS HILLS									
Trucks & Pipeline	1,660	8,034	1,964			10,109			1,549
WIBAUX									
Trucks			554				554		
YELLOWSTONE									
Trucks			604			604			
GRAND TOTAL	429,175	870,602	325,367	89,844	5,491	673,325	499,225	89,844	447,103

REFINERS REPORT BY FIELDS

Month of November, 1954

FIELDS	Big West Oil Co.	Carter Oil Co.	Cont. Oil Company	Diamond Asphalt Co.	Farmers Union	Jet Fuel Refinery	Modern Oil Co. Inc.	Phillips Pet. Co.	The Texas Company	Union Oil Co.	TOTAL BY FIELDS
Big Wall		15,555									15,555
Border									1,661		1,661
Bowes				17,507							17,507
Brady-Midway								72			72
Cabin Creek			13,576								13,576
Cat Creek			10,972			5,782					16,754
Cut Bank	7,822							21,276	92,936	33,574	155,608
Dry Creek					12,045						12,045
Elk Basin		49,504	26,216								75,720
East Little Beaver			1,242								1,242
Gage					376						376
Glendive			8,205		53,460						61,665
Ivanhoe Dome					3,321						3,321
Kevin-Sunburst	41,582								113,075		154,657
Little Beaver			1,548								1,548
Melstone					7,024						7,024
Mosser					1,372						1,372
Pine Unit			18,433								18,433
Pondera								49,143			49,143
Poplar						9,923					9,923
Ragged Point		1,142									1,142
Reagan										21,599	21,599
Richey			7,045								7,045
Southwest Richey			5,041								5,041
Sumatra		104,296	11,775								116,071
Sweetgrass Hills	538								10,431	1,426	12,395
Yellowstone					605						605
TOTAL MONT. OIL	49,942	170,497	104,053	17,507	78,203	15,705	None	70,491	218,103	56,599	781,100
South Dak. Imported			2,033								2,033
Wyoming Oil Imported		488,462	117,743		295,834						902,039
	49,942	658,959	223,829	17,507	374,037	15,705	None	70,491	218,103	56,599	1,685,172

AVERAGE BARRELS PER DAY

	Montana	So. Dak.	Wyoming	Total
Year 1953	20,540	———	33,183	53,723
November, 1953	23,294	———	24,999	48,293
November, 1954	26,037	68	30,068	56,173

PERCENTAGE OF CRUDE REFINED

	Montana	So. Dak.	Wyoming
Year 1953	38.2%	———	61.8%
November, 1953	48.2%	———	51.8%
November, 1954	46.4%	.1%	53.5%